



T12 Linear fluorescent lighting

T12 Standard

Low-pressure mercury discharge lamps with a tubular 37 mm envelope

Benefits

- Provides highly reliable and high-quality lighting solution at low cost
- Standard colors with moderate color rendering

Features

- Standard colors with moderate color rendering (Ra 50 - 75)
- Low-pressure mercury discharge lamps with a tubular 37 mm envelope

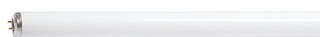
Application

- Mostly used in applications where continuous light output is required and color rendering is not an important factor.

Versions



G13, T12



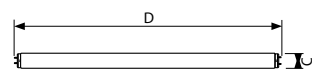
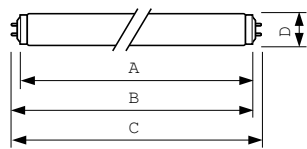
G13, T12



G13, T12

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Dimensional drawing



General Information	
Cap-Base	G13
Light Technical	
Color Code	54-765

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
927883005411	TL-RS 20W/54-765 30PK 30/1	1.7 mg
927888005406	TL-RS 40W/54-765 30PK 30/1	4.4 mg

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
927883005411	TL-RS 20W/54-765 30PK 30/1	-	20 W
927888005406	TL-RS 40W/54-765 30PK 30/1	-	40 W

General Information

Order Code	Full Product Name	Life To 50%		Life With 3	
		Failures (Nom)	Life 3-Hr Start [Hrs]	Hour Per Day Use	System Description
927883005411	TL-RS 20W/54-765 30PK 30/1	-	9000 h	4 a	Rapid Start
927888005406	TL-RS 40W/54-765 30PK 30/1	-	20000 h	7 a	Rapid Start

Product	D (max)	A (max)	B (max)	B (min)	C (max)
F20T12/D-765 25 PK	40.5 mm	589.8 mm	596.9 mm	594.5 mm	604 mm
F40T12/D-765 25 PK	40.5 mm	1199.4 mm	1206.5 mm	1204.1 mm	1213.6 mm

Product
TL-RS 40W/54-765 30PK 30/1
TL-RS 20W/54-765 30PK 30/1

Order Code	Full Product Name	Mercury (Hg) Content (Nom)
928003505415	F20T12/D-765 25 PK	8.0 mg
928006405415	F40T12/D-765 25 PK	10.5 mg

Order Code	Full Product Name	Voltage (Nom)	Power (Rated) (Nom)
928003505415	F20T12/D-765 25 PK	59 V	19.3 W
928006405415	F40T12/D-765 25 PK	107 V	39.5 W

Order Code	Full Product Name	Life To 50%		Life With 3	
		Failures (Nom)	Life 3-Hr Start [Hrs]	Hour Per Day Use	System Description
928003505415	F20T12/D-765 25 PK	9000 h	-	-	-

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Order Code	Full Product Name	Life To 50%	Life With 3		
		Failures (Nom)	Life 3-Hr Start [Hrs]	Hour Per Day Use	System Description
928006405415	F40T12/D-765 25 PK	13000 h	-	-	-

Light Technical

Order Code	Full Product Name	Color Designation	Correlated Color Temperature (Nom)	Color Rendering Index (Nom)	Design Mean Lumens	Luminous Flux (Nom)
927883005411	TL-RS 20W/54-765 30PK 30/1	Daylight	6500 K	73	960 lm	1075 lm
927888005406	TL-RS 40W/54-765 30PK 30/1	Daylight	6500 K	73	2250 lm	2600 lm
928003505415	F20T12/D-765 25 PK	Cool Daylight	6200 K	72	-	975 lm
928006405415	F40T12/D-765 25 PK	Cool Daylight	6200 K	75	-	2500 lm

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape	Order Code	Full Product Name	Bulb Shape
927883005411	TL-RS 20W/54-765 30PK 30/1	T-12 (T12)	928003505415	F20T12/D-765 25 PK	T12
927888005406	TL-RS 40W/54-765 30PK 30/1	T-12 (T12)	928006405415	F40T12/D-765 25 PK	T12

Controls and Dimming

Order Code	Full Product Name	Dimmable	Order Code	Full Product Name	Dimmable
927883005411	TL-RS 20W/54-765 30PK 30/1	-	928003505415	F20T12/D-765 25 PK	Yes
927888005406	TL-RS 40W/54-765 30PK 30/1	-	928006405415	F40T12/D-765 25 PK	Yes

